

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
17 February 2005 (17.02.2005)

PCT

(10) International Publication Number
WO 2005/013965 A1

(51) International Patent Classification⁷: **A61K 31/201.**
A61P 11/00, 11/06, 19/02

(21) International Application Number:
PCT/EP2003/014592

(22) International Filing Date:
19 December 2003 (19.12.2003)

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:
103 32 712.6 18 July 2003 (18.07.2003) DE

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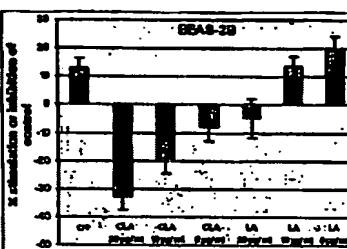
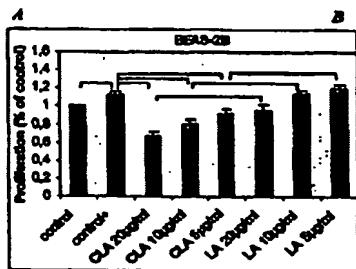
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(81) Designated States (*national*): AB, AG, AI, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CZ, CA, CI, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GL, GI, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PT, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

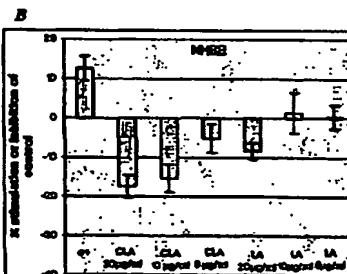
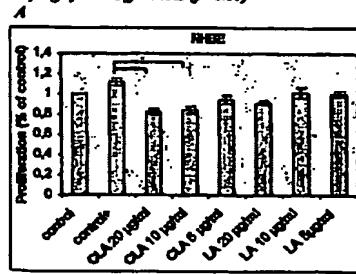
(84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM).

(Continued on next page)

(54) Title: USE OF CIS-9, TRANS-11 ISOMER OF CONJUGATED LINOLEIC ACID (CLA) FOR TREATING INFLAMMATORY DISEASES



A: Modulation of LPS/serum-stimulated BEAS-2B by cis-9,trans-11 CLA and LA. The cells were incubated with the fatty acids at increasing concentrations for 24 h. (A) shows relative cell numbers compared with the unstimulated control (= 1) (B) depicts relative stimulation or inhibition observed. Data are means ± SEM of 6 independent experiments performed at different days (n = 6). Connection of bars represents data with statistically significant differences (p<0.05)



B: Modulation of LPS/serum-stimulated NHBE by cis-9,trans-11 CLA and LA. The cells were incubated with the fatty acids at increasing concentrations for 24 h. (A) shows relative cell numbers compared with the unstimulated control (= 1) (B) depicts relative stimulation or inhibition observed. Data are means ± SEM of 6 independent experiments performed at different days (n = 6). Connection of bars represents data with statistically significant differences (p<0.05)

(57) Abstract: The use of the *cis*-9, *trans*-11 isomer of conjugated linoleic acid (CLA) is suggested for fighting inflammatory diseases.